BRUHAT BANGALORE MAHANAGARA PALIKE

Yelahanka Division

Comparitive Statement

Name of Work Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

Estimate Amount 100,000,000.00

Name of Contractor Sri G.Humesh Kumar Sri Sai Construction

Approved Amount 88371916.00

Sl No	Description of Work	Unit	Qty as per Schedule B			Total Qty Executed	Qty as per Actuals upto 125%			Qty as per Actuals Above 125%			Total		Difference		Remarks
			Qty	Rates	Amount		Qty	Rates	Amount	Qty	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	4	8	9	10	11	12	13	14	15	16	10	17	18	19	20
1	KSRRBM200-13.1 Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. (Lime/Cement Concrete II.By Mechanical Means A.Cement Concrete Grade M-15& M-20 MORTH Specification No 202.	Cum	593.70	417.53	247687.56	593.22	593.22	417.53	247687.15	0.00	417.53	0.00	593.22	247687.15	0.00	200.41	
2	Removing and resetting of footpath slab	Sqm	4574.40	210.91	964786.70	5167.08	5167.08	210.91	1089788.84	0.00	210.91	0.00	5167.08	1089788.84	125002.14	0.00	
3	KSRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications	Cum	6380.43	217.43	1387296.89	6583.48	6583.48	217.43	1431446.06	0.00	217.43	0.00	6583.48	1431446.06	44149.16	0.00	
4	KSRB 4-1.3 : Providing and laying Plain cement concrete of mix 1:4:8 with OPC @ 220kgs. with crushed 40mm and down size graded granite metal course aggregates @0.8%cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibrators including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications No KSRB 4.1. 4.2	Cum	687.71	5675.99	3903435.08	694.31	694.31	5675.99	3940896.62	0.00	5675.99	0.00	694.31	3940896.62	37461.53	0.00	
5	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete excluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification.	Cum	1308.87	7497.22	9812886.34	1324.86	1324.86	7497.22	9932766.89	0.00	7497.22	0.00	1324.86	9932766.89	119880.55	0.00	
6	KSRB 4.9.2: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. KBS 4.46.2	Tn	79.66	80948.07	6448323.26	81.16	81.16	80948.07	6569745.36	0.00	80948.07	0.00	81.16	6569745.36	121422.11	0.00	
7	Providing and Fixing pre cast covering Slab 100mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of all materials, labour hire charges of machinery, loading, unloading, stad and lift,transportation etc ,complete.As per Engineer incharge.	Sqm	4734.90	1941.22	9191482.58	4733.10	4733.10	1941.22	9187988.38	0.00	1941.22	0.00	4733.10	9187988.38	0.00	3494.20	

17	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour. HOM complete as per specifications.	Sqm	54875.00	12.85	705143.75	46005.37	46005.37	12.85	591169.00	0.00	12.85	0.00	46005.37	591169.00	0.00	113974.75	
18	KSRRB M500-17 Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction, in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen.	Cum	1371.88	7365.73	10104897.67	1150.13	1150.13	7365.73	8471547.04	0.00	7365.73	0.00	1150.13	8471547.04	0.00	1633350.63	
19	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction, in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. using 40-60 TPH capacity HMP with mechanical paver grading II (10-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)	Cum	1097.50	8534.82	9366964.95	920.11	920.11	8534.82	7852973.23	0.00	8534.82	0.00	920.11	7852973.23	0.00	1513991.72	
20	KSRRB MB00-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	Sqm	1063.60	459.29	488500.84	1429.12	1329.50	459.29	610626.06	99.62	459.29	45754.47	1429.12	656380.52	167879.68	0.00	
21	KSRRB MB00-35. Supply and Installion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonatrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/NH/33023/10/97 – DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer.	Nos	2048.00	360.79	738897.92	1230.00	1230.00	360.79	443771.70	0.00	360.79	0.00	1230.00	443771.70	0.00	295126.22	

22	KSRRB M600-1 Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, course and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1,optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications Clause 601of MORTH V Revision and IS 456 Table-5, with OPC at 150 kg/cum and coarse aggregate 86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with Slip form paver with electronic sensor.	Cum	892.41	4101.90	3660576.58	1081.24	1081.24	4101.90	4435138.36	0.00	4101.90	0.00	1081.24	4435138.36	774561.78	0.00	
23	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplasticer at 3 ltr conforming to IS 9103-2008, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing) & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound.	Cum	892.41	5690.65	5078392.97	1081.24	1081.24	5690.65	6152958.41	0.00	5690.65	0.00	1081.24	6152958.41	1074565.44	0.00	
	Sub Total				88372022.04				88325830.08			45754.47		88371584.55	3893701.79	3894139.28	
														437.49	437.49		
	Miscellaneous & Rounding off													88372022.04	3894139.28	3894139.28	
	Total				88372022.04				88371584.55								

4.46%

Contractor

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
Asst. Executive Engineer
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೬೫

Executive Engineer

Executive Engineer,
Yelahanka Division,
B.B.M.P, Bangalore-64

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ